LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MOO-25-0141

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143716.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	487	495	501	rBB2	35348	54154	1.59%	0.281%
2	5.504	557	563	568	rBV	415447	535974	15.69%	2.781%
3	6.510	728	734	739	rBV	398525	523257	15.32%	2.715%
4	6.893	794	799	804	rVB	154023	182139	5.33%	0.945%
5	7.451	888	894	899	rBV	271986	341181	9.99%	1.770%
6	8.175	1010	1017	1021	rBV	202689	247344	7.24%	1.284%
7	9.251	1194	1200	1205	rBV	604713	738792	21.63%	3.834%
8	9.804	1287	1294	1299	rBV	64924	104399	3.06%	0.542%
9	9.934	1311	1316	1325	rBV2	252321	412414	12.07%	2.140%
10	10.039	1326	1334	1339	rVB	186977	277561	8.12%	1.440%
11	10.092	1339	1343	1347	rBV	33808	52622	1.54%	0.273%
12	10.251	1366	1370	1373	rBV2	28941	41668	1.22%	0.216%
13	10.363	1383	1389	1392	rBV3	27583	57899	1.69%	0.300%
14	10.434	1398	1401	1404	rVB2	31486	35945	1.05%	0.187%
15	10.639	1433	1436	1440	rBV2	52364	71943	2.11%	0.373%
16	10.722	1445	1450	1454	rBV	287023	405670	11.87%	2.105%
17	10.851	1468	1472	1477	rBV	175329	244064	7.14%	1.267%
18	10.986	1492	1495	1499	rVB2	155281	191825	5.61%	0.995%
19	11.051	1501	1506	1510	rBV	436668	607666	17.79%	3.153%
20	11.422	1566	1569	1573	rVB	187597	230994	6.76%	1.199%
21	11.775	1627	1629	1633	rVB	163088	182749	5.35%	0.948%
22	11.904	1648	1651	1655	rVB	171683	191514	5.61%	0.994%
23	11.951	1655	1659	1667	rVB	661368	867599	25.40%	4.502%
24	12.469	1744	1747	1765	rVB	242597	513787	15.04%	2.666%
25	12.610	1768	1771	1776	rVB	125153	154115	4.51%	0.800%
26	12.733	1788	1792	1794	rBV2	231531	320448	9.38%	1.663%
27	12.763	1794	1797	1809	rVB	467270	735067	21.52%	3.814%
28	13.010	1834	1839	1846	rVB	485425	664279	19.44%	3.447%
29	13.369	1896	1900	1906	rVB	123921	170320	4.99%	0.884%
30	13.480	1915	1919	1920	rBV	181521	204253	5.98%	1.060%
31	13.510	1920	1924	1930	rVV	437326	681259	19.94%	3.535%
32	13.586	1934	1937	1945	rVB3	87804	215879	6.32%	1.120%
33	13.910	1988	1992	2003	rVB2	98221	194227	5.69%	1.008%
34	14.063	2010	2018	2024	rBV2	351344	780338	22.84%	4.049%
35	14.192	2025	2040	2050	rVB2	977104	3416300	100.00%	17.728%
36	14.527	2094	2097	2102	rVB	80839	105985	3.10%	0.550%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MOO-25-0141

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.586	2104	2107	2120	rVB2	49203	111921	3.28%	0.581%
38	14.710	2124	2128	2136	rVB	103842	160307	4.69%	0.832%
39	14.839	2142	2150	2159	rBV2	533496	1095111	32.06%	5.683%
40	14.921	2161	2164	2170	rVB2	65516	113858	3.33%	0.591%
41	15.186	2205	2209	2218	rVB	85417	152042	4.45%	0.789%
42	15.445	2249	2253	2261	rBV	81610	141582	4.14%	0.735%
43	15.539	2265	2269	2273	rVV	104648	172717	5.06%	0.896%
44	15.610	2273	2281	2292	rVB2	498009	1288979	37.73%	6.689%
45	16.416	2413	2418	2431	rVB	74392	192084	5.62%	0.997%
46	16.639	2448	2456	2462	rBV2	267105	650213	19.03%	3.374%
47	18.062	2690	2698	2708	rVB2	140340	436155	12.77%	2.263%

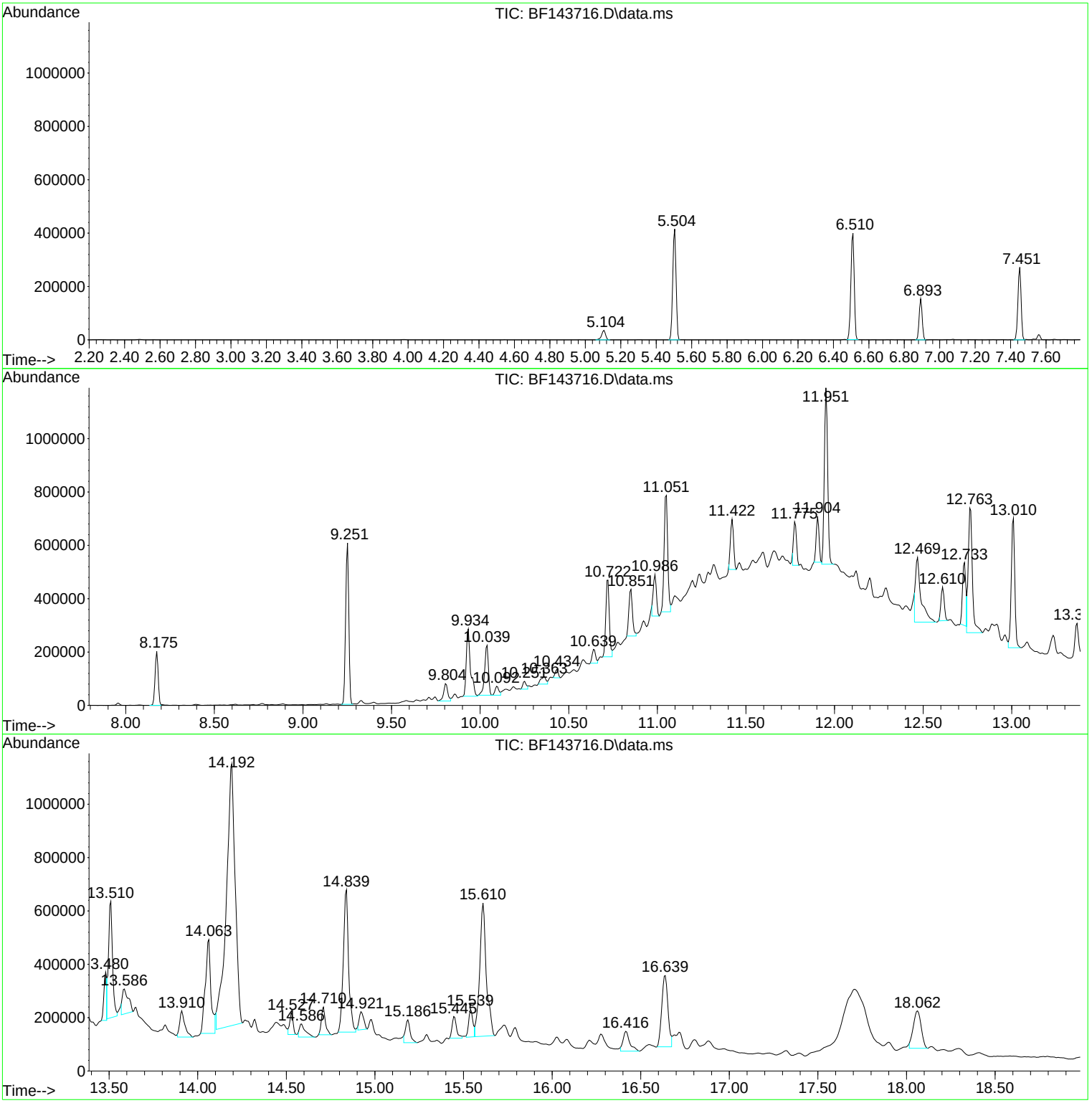
Sum of corrected areas: 19270599

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

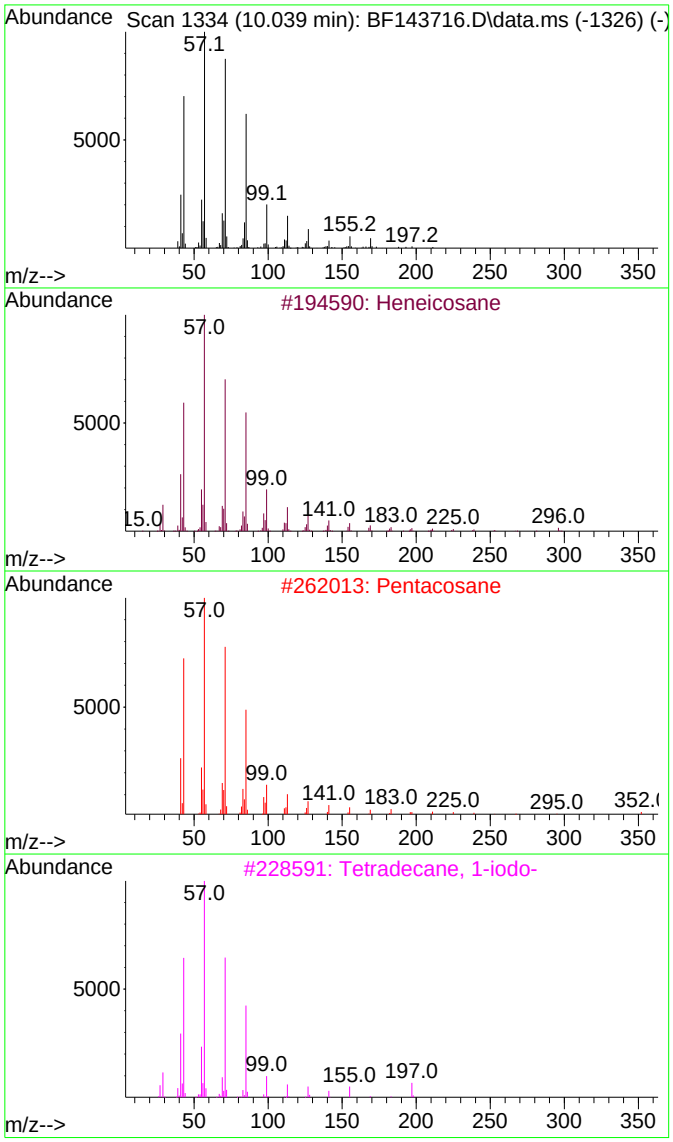
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

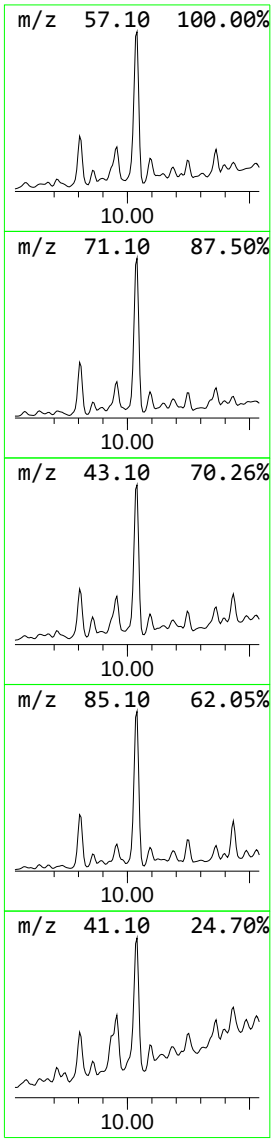
****

Peak Number 1 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	13.46 ng	277561	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

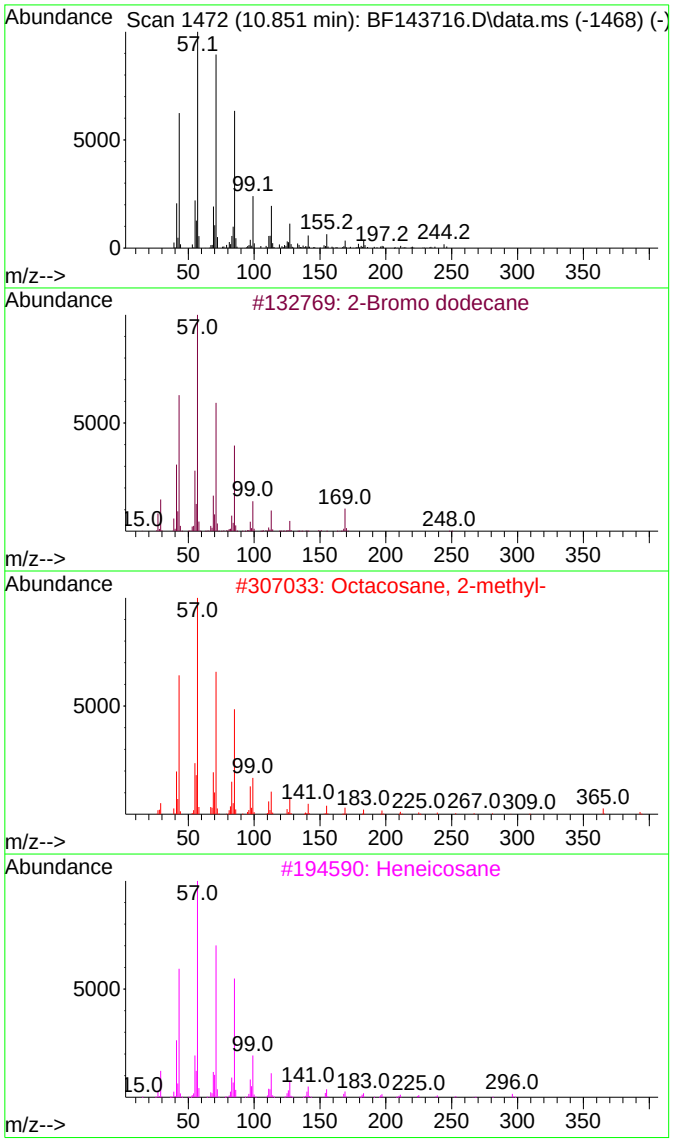
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

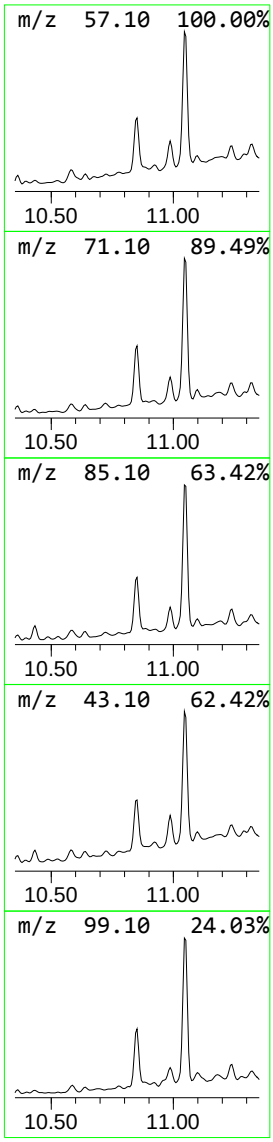
****

Peak Number 2 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	21.13 ng	244064	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Heptadecane	240	C17H36	000629-78-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

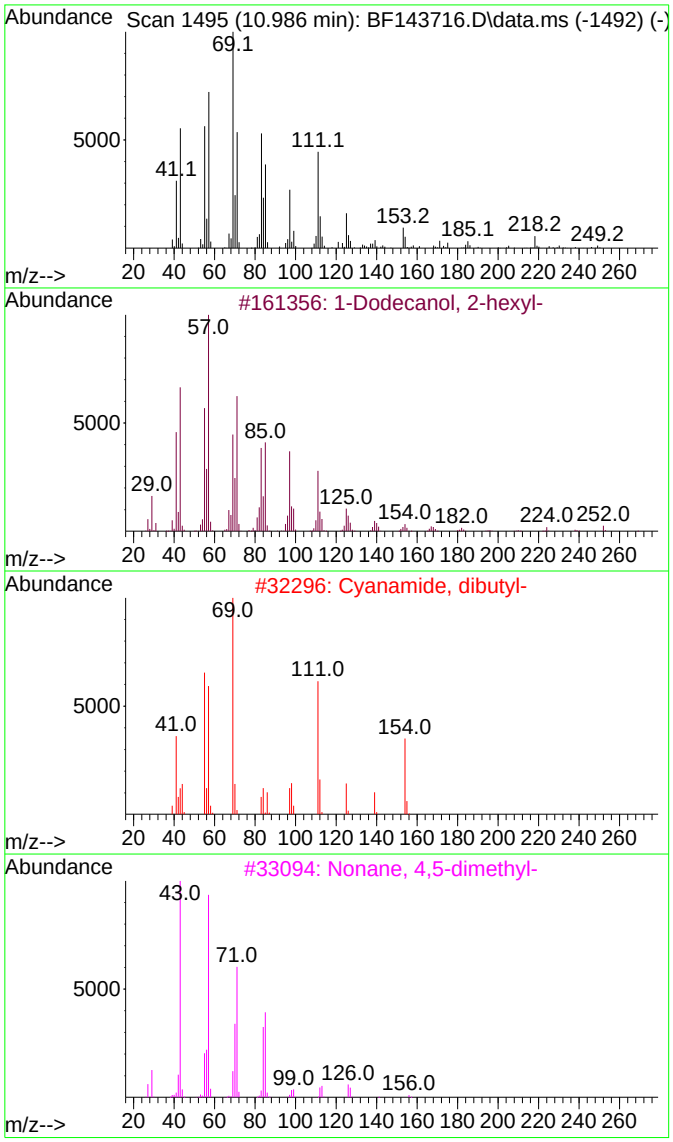
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

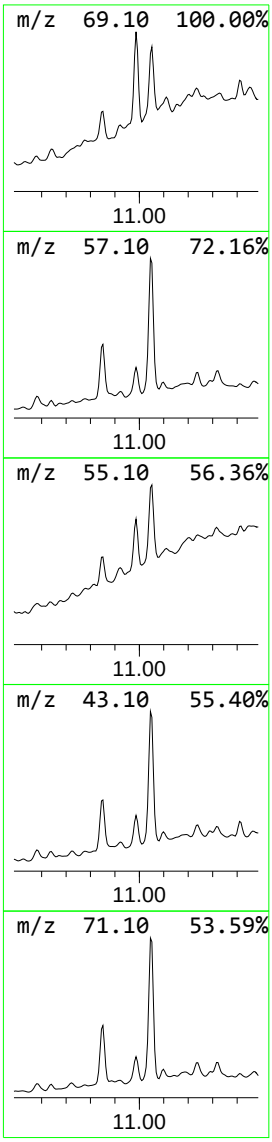
****

Peak Number 3 unknown10.986 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	16.61 ng	191825	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	43
2	Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	38
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
4	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
5	1-Bromo-3,7-dimethyl-6-octene	218	C10H19Br	1000432-24-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

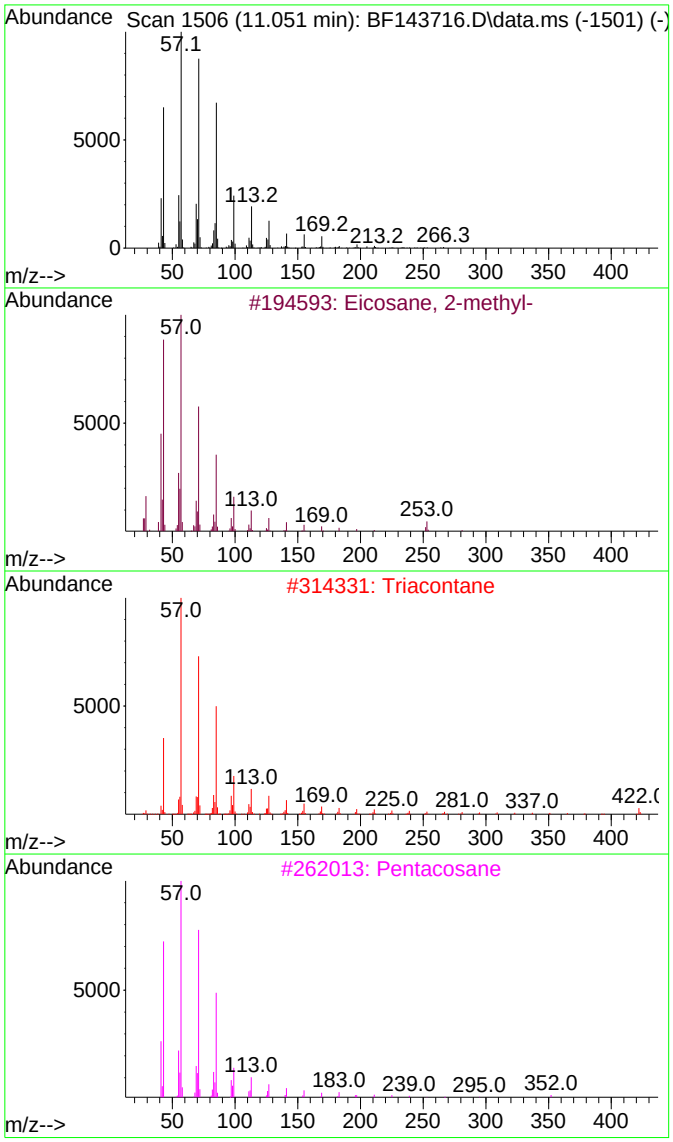
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

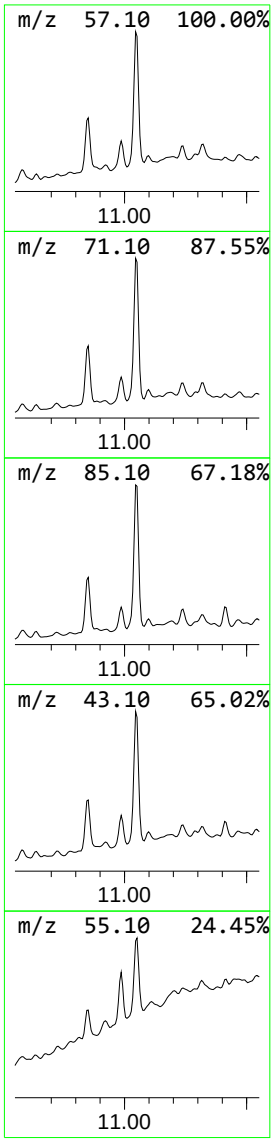
****

Peak Number 4 Eicosane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	52.61 ng	607666	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
2	Triacontane	422	C30H62	000638-68-6	83
3	Pentacosane	352	C25H52	000629-99-2	80
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Heneicosane	296	C21H44	000629-94-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

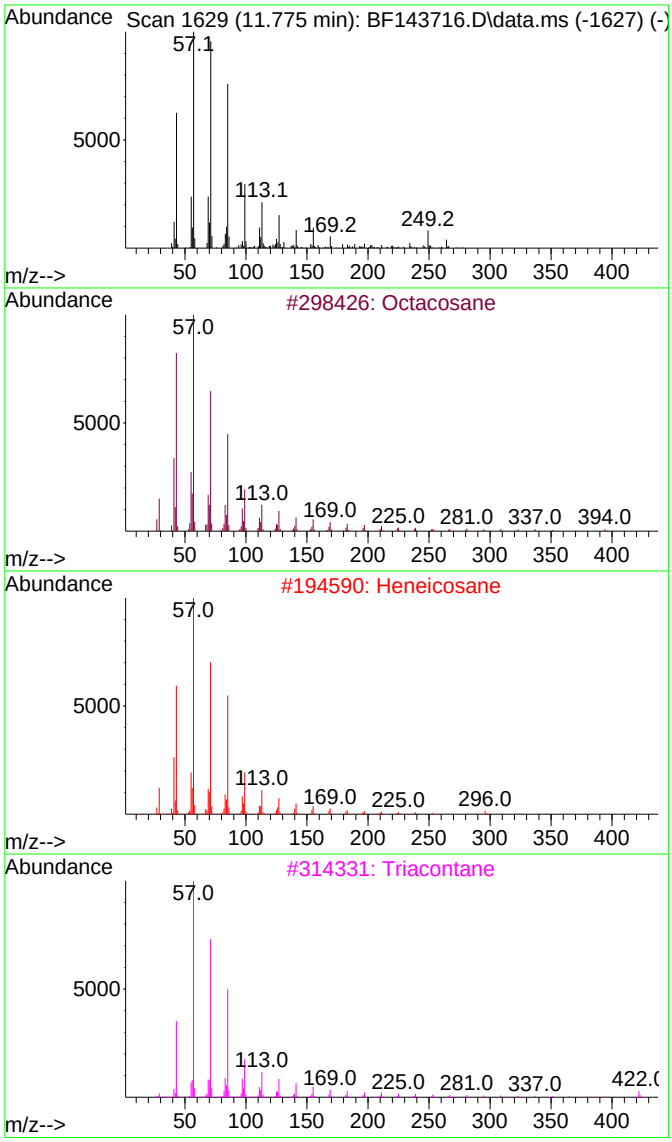
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

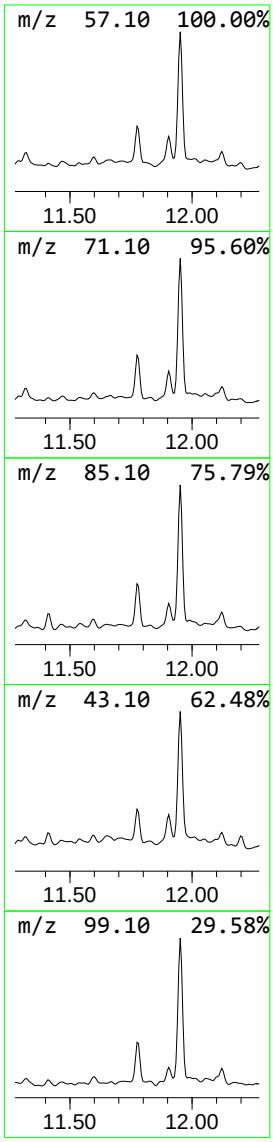
****

Peak Number 5 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	15.82 ng	182749	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	83
3	Triacontane	422	C30H62	000638-68-6	83
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	78
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

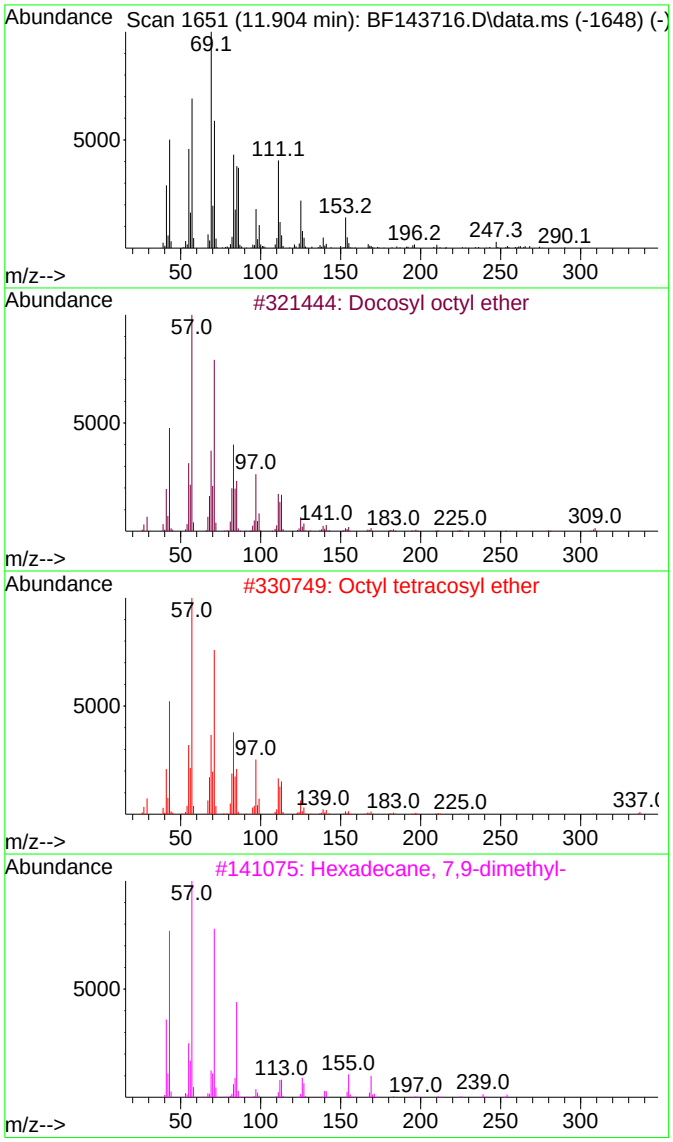
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

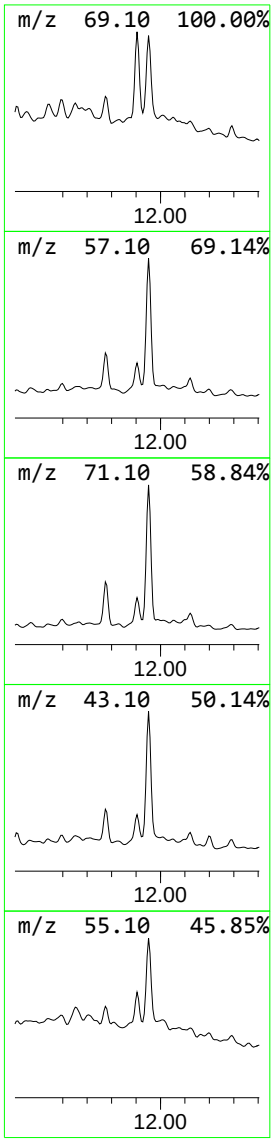
****

Peak Number 6 unknown11.904 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	16.58 ng	191514	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl octyl ether	438	C30H62O	1000406-38-9	30
2	Octyl tetracosyl ether	467	C32H66O	1000406-39-0	25
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	25
4	Nonadecane	268	C19H40	000629-92-5	25
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

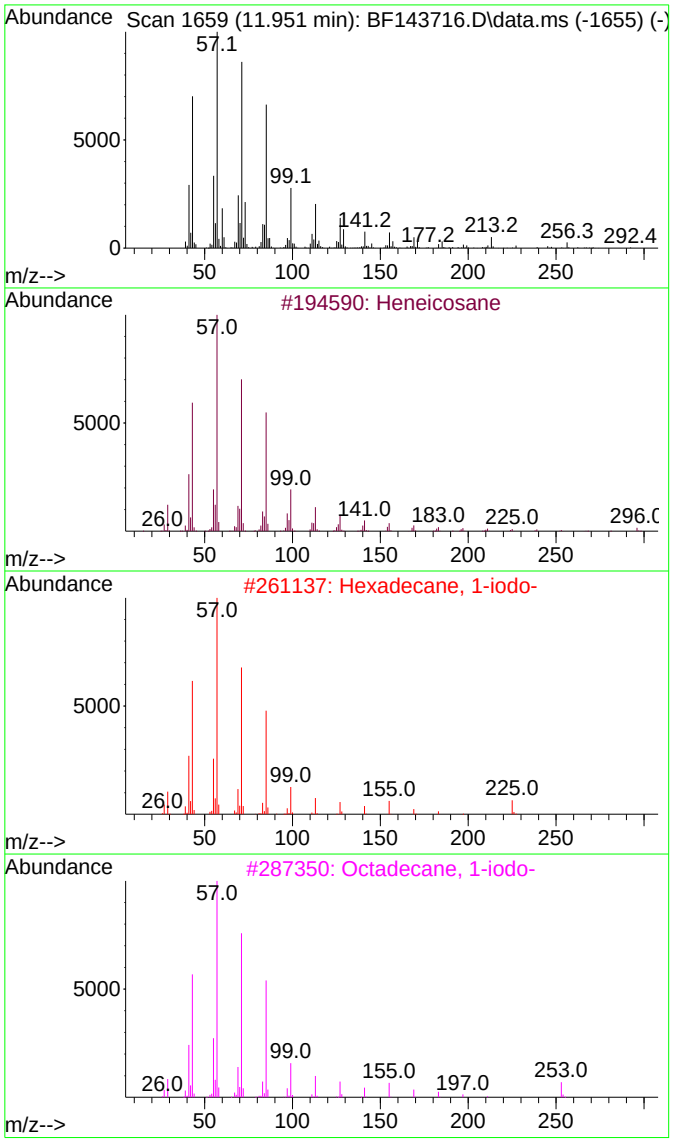
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

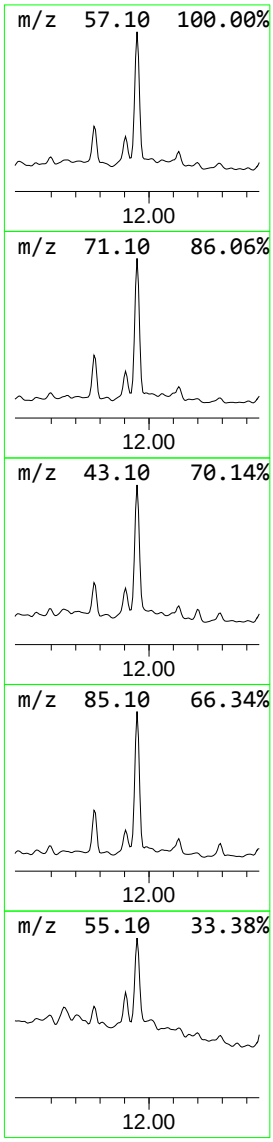
****

Peak Number 7 unknown11.951 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	75.12 ng	867599	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	64
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52
5	9-Methylheneicosane	310	C22H46	070475-51-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

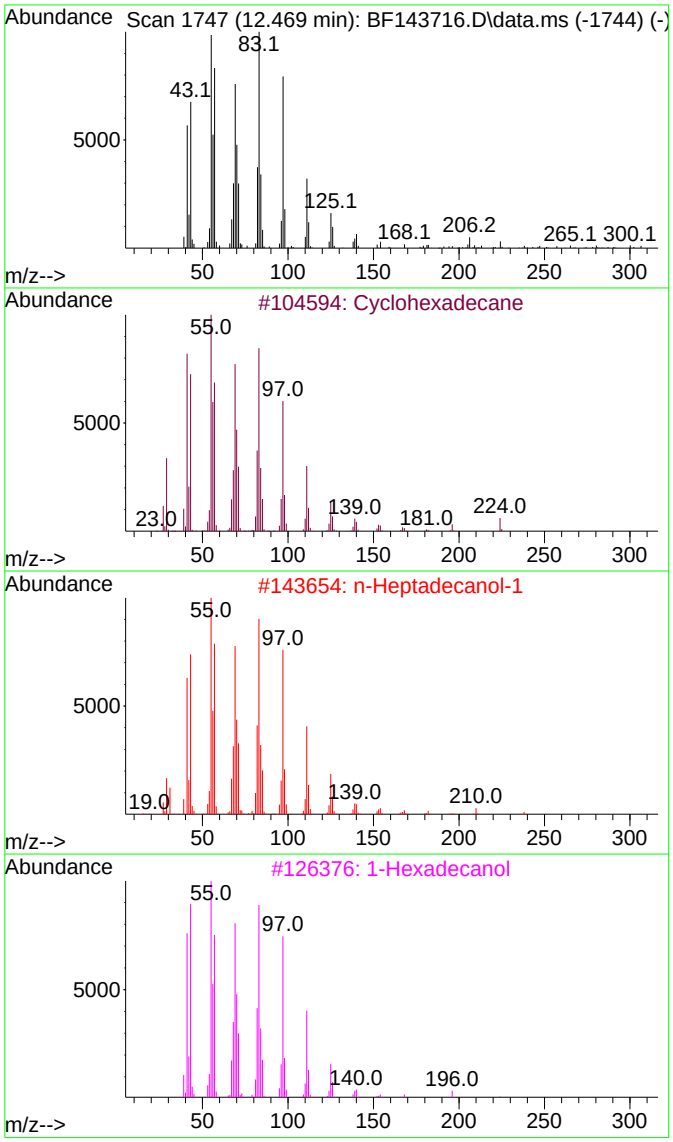
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

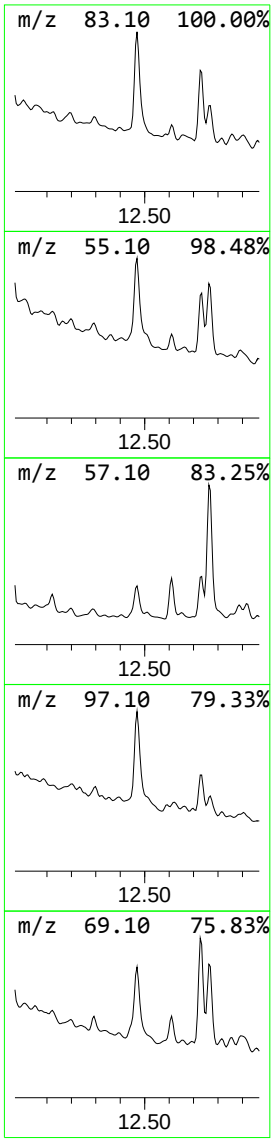
****

Peak Number 8 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	44.48 ng	513787	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	Cyclotetradecane	196	C14H28	000295-17-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

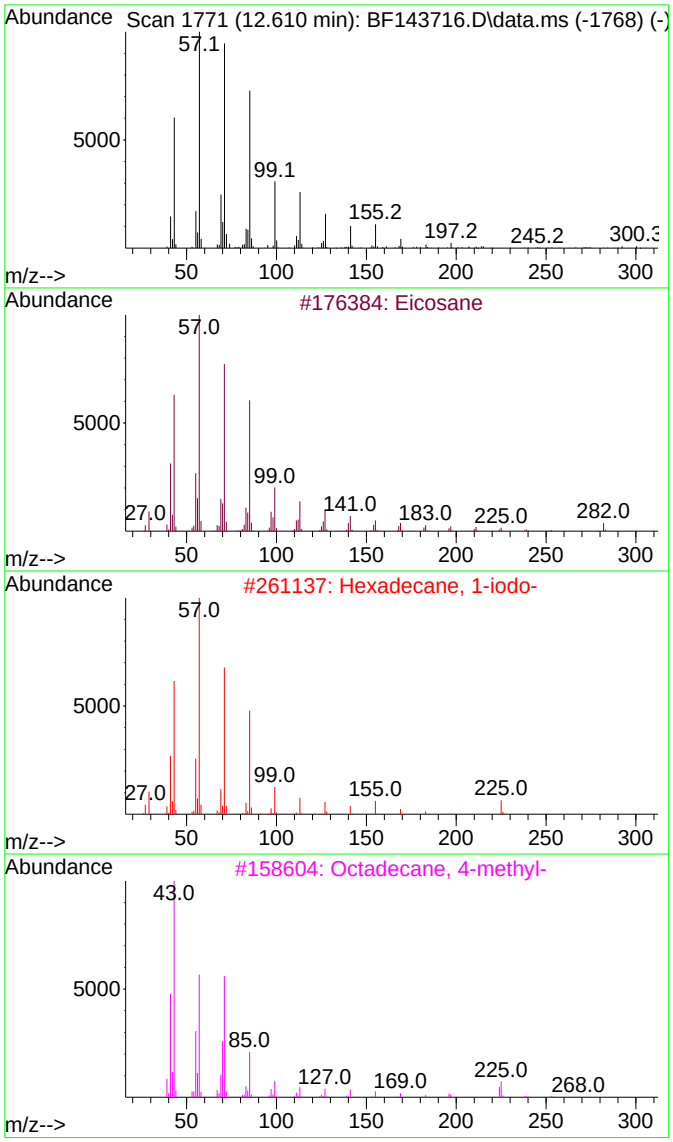
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

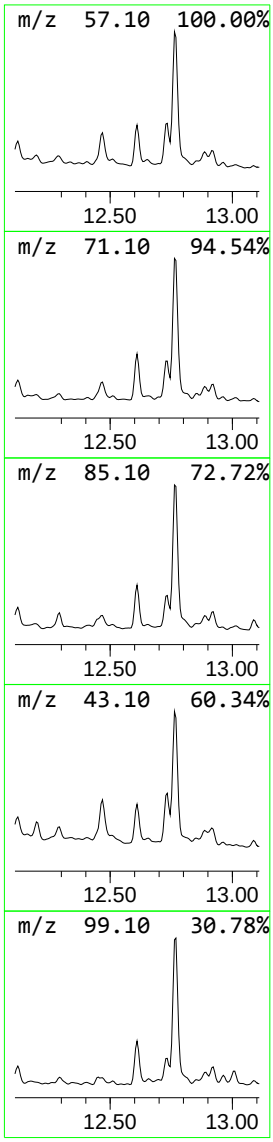
****

Peak Number 9 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	13.34 ng	154115	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
3	Octadecane, 4-methyl-	268	C19H40	010544-95-3	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Heneicosane	296	C21H44	000629-94-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

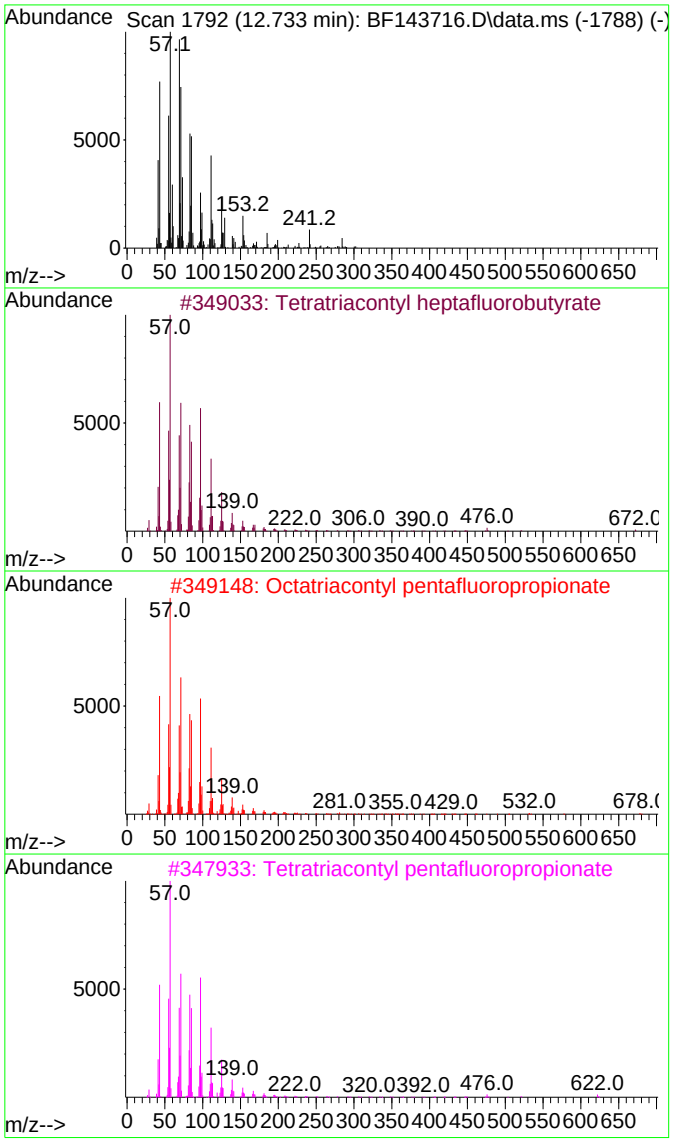
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

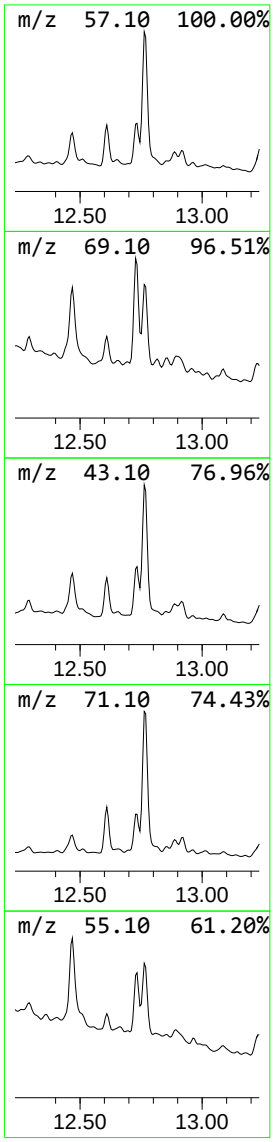
****

Peak Number 10 unknown12.733 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	27.75 ng	320448	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	49
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	49
3	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	49
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	49
5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

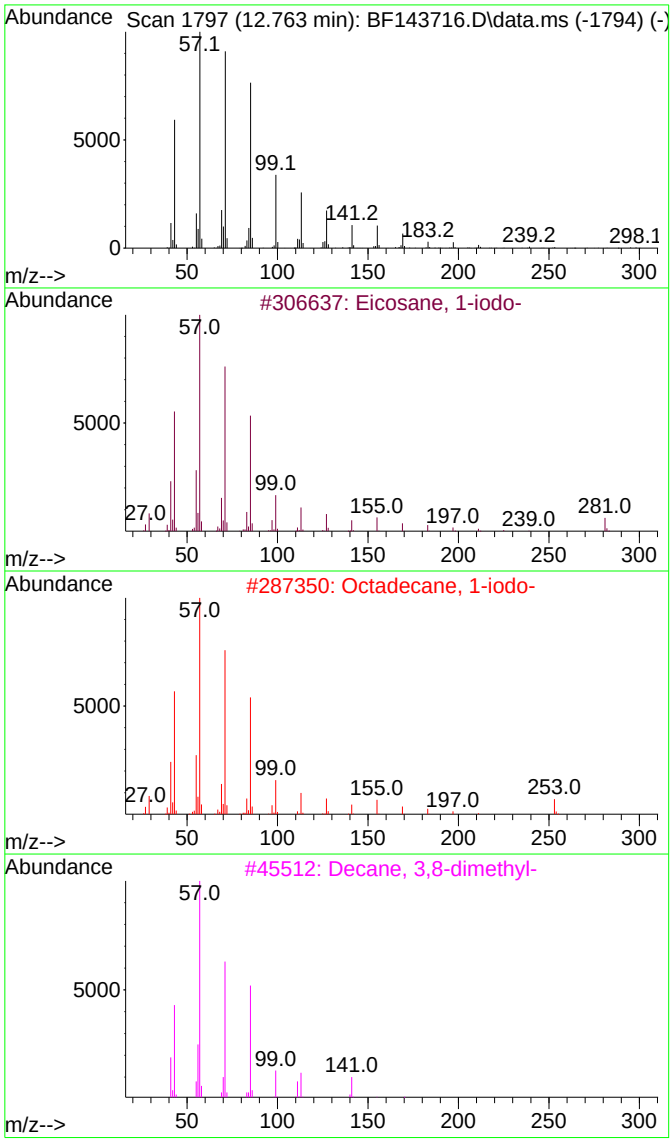
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

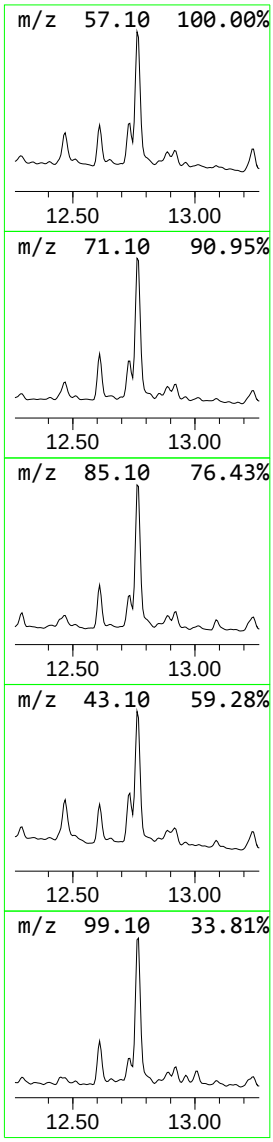
****

Peak Number 11 Eicosane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	18.84 ng	735067	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

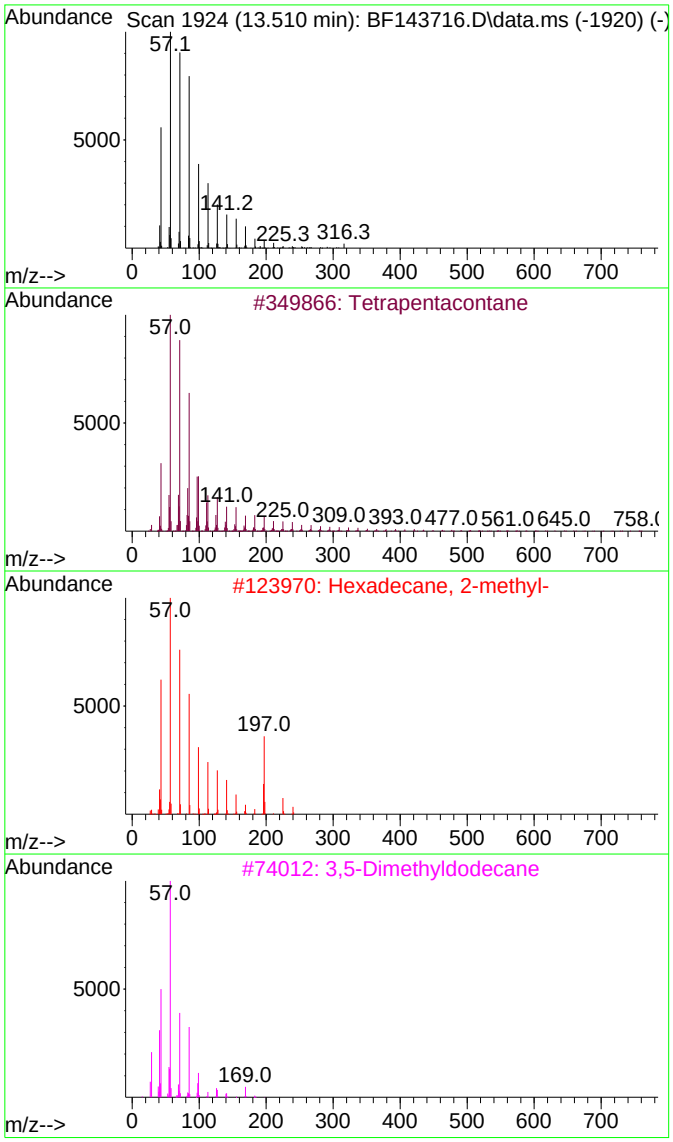
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

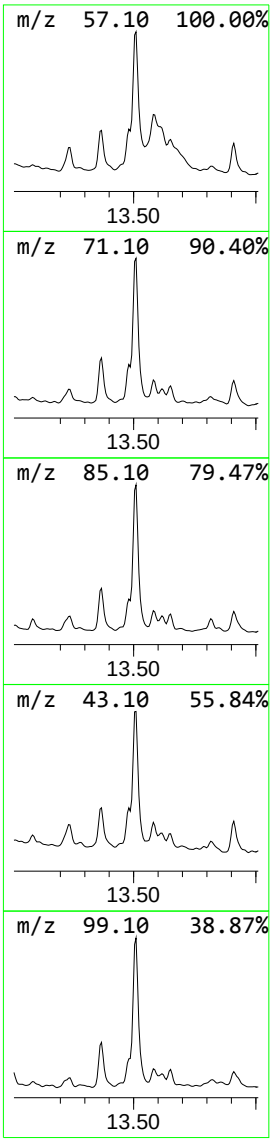
****

Peak Number 12 Tetrapentacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.510	17.46 ng	681259	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane	759	C54H110	005856-66-6	78
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

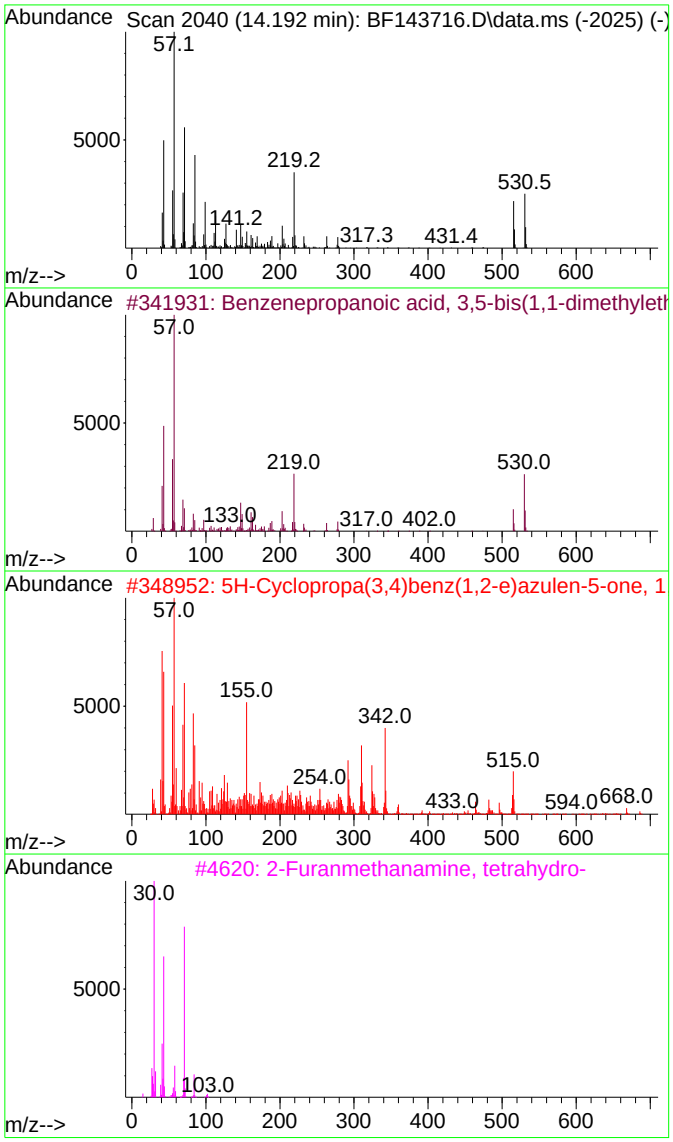
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

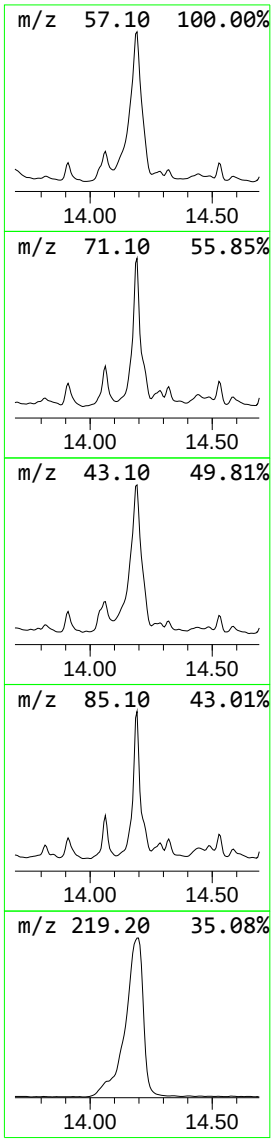
****

Peak Number 13 Benzenepropanoic acid, 3,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	87.56 ng	3416300	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 3,5-bis(1...	530	C35H62O3	002082-79-3	91
2	5H-Cyclopropa(3,4)benz(1,2-e)azu...	686	C41H66O8	054870-24-5	12
3	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	9
4	3-Methyl-4-oxo-2-phenylimidazoli...	276	C15H20N2O3	1000191-10-7	9
5	Butanamide, N-(2-hydroxyethyl)-3...	145	C6H11NO3	024309-97-5	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

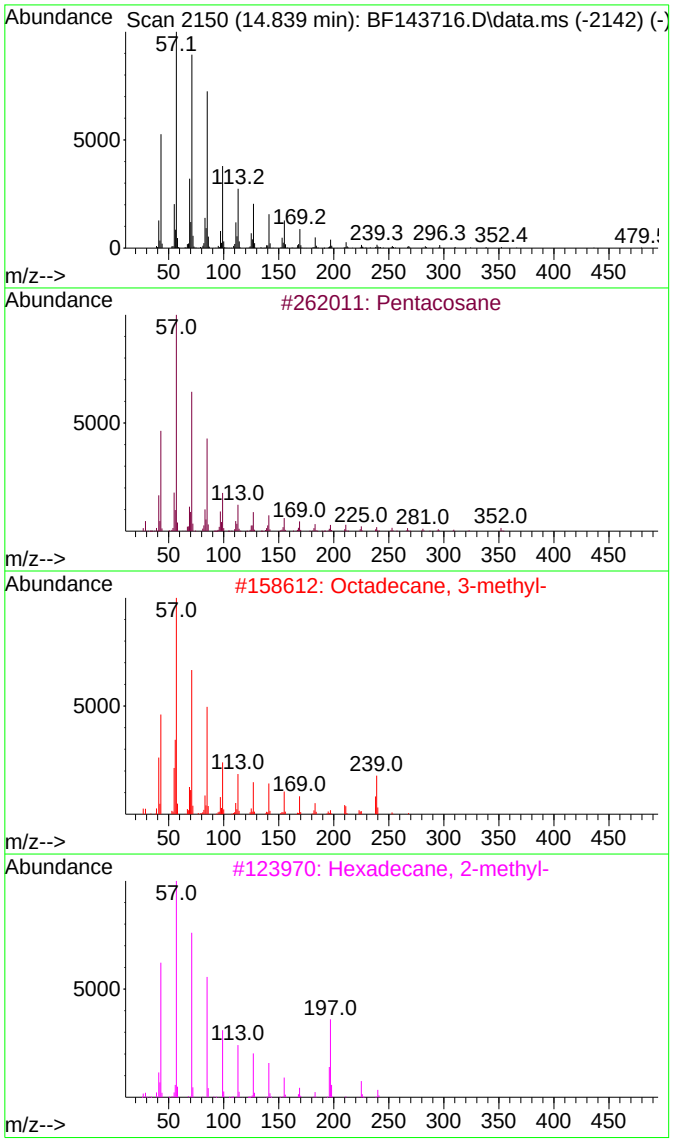
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

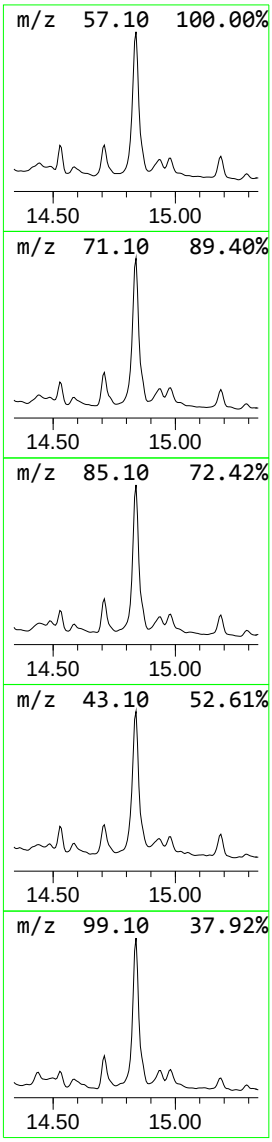
****

Peak Number 14 Pentacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	126.81 ng	1095110	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Octadecane, 3-methyl-	268	C19H40	006561-44-0	87
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

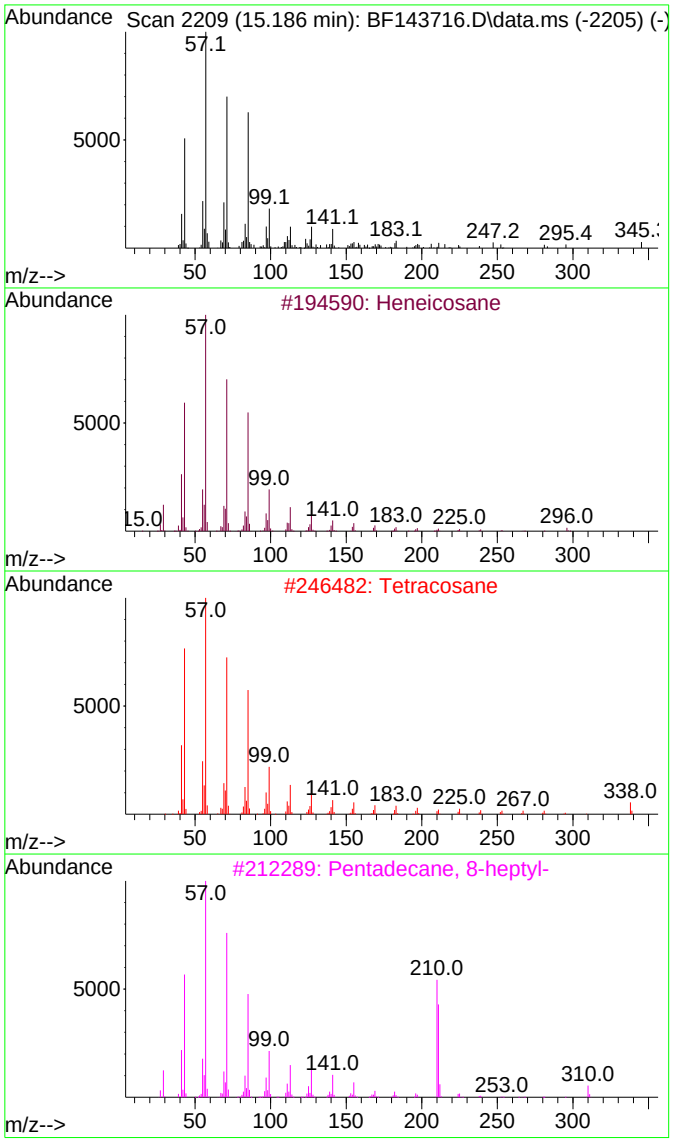
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

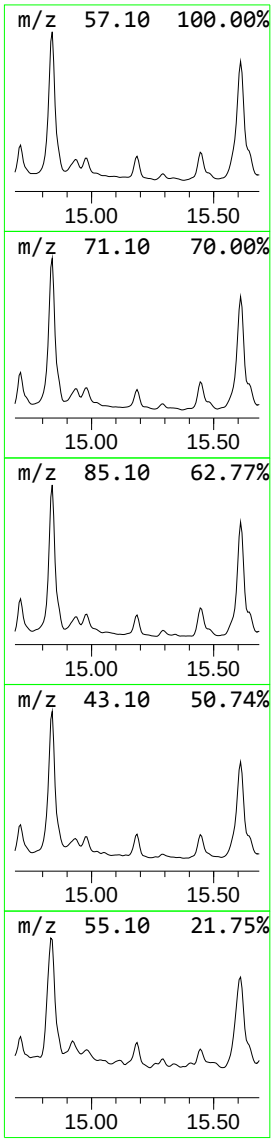
****

Peak Number 15 unknown15.186 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	17.61 ng	152042	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

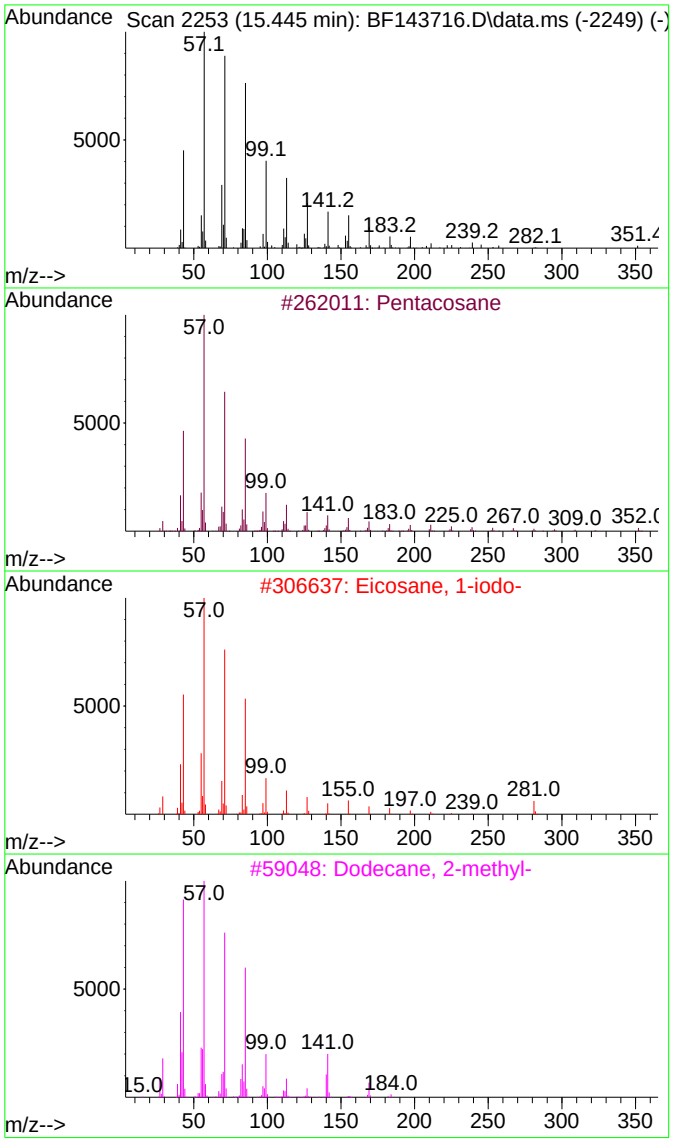
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

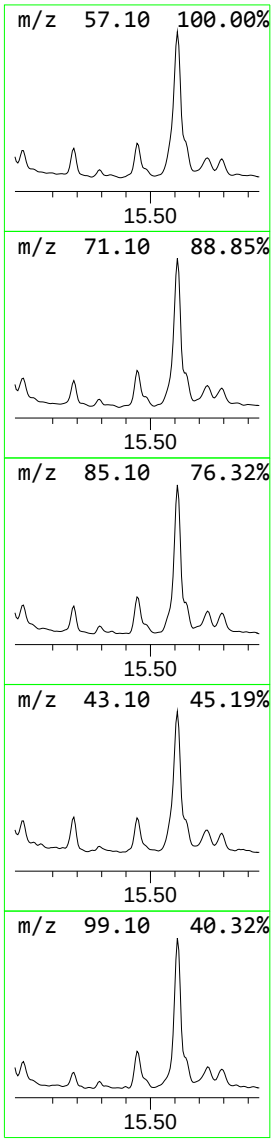
****

Peak Number 16 unknown15.445 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	16.39 ng	141582	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	59
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
4	Decane, 3-methyl-	156	C11H24	013151-34-3	52
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

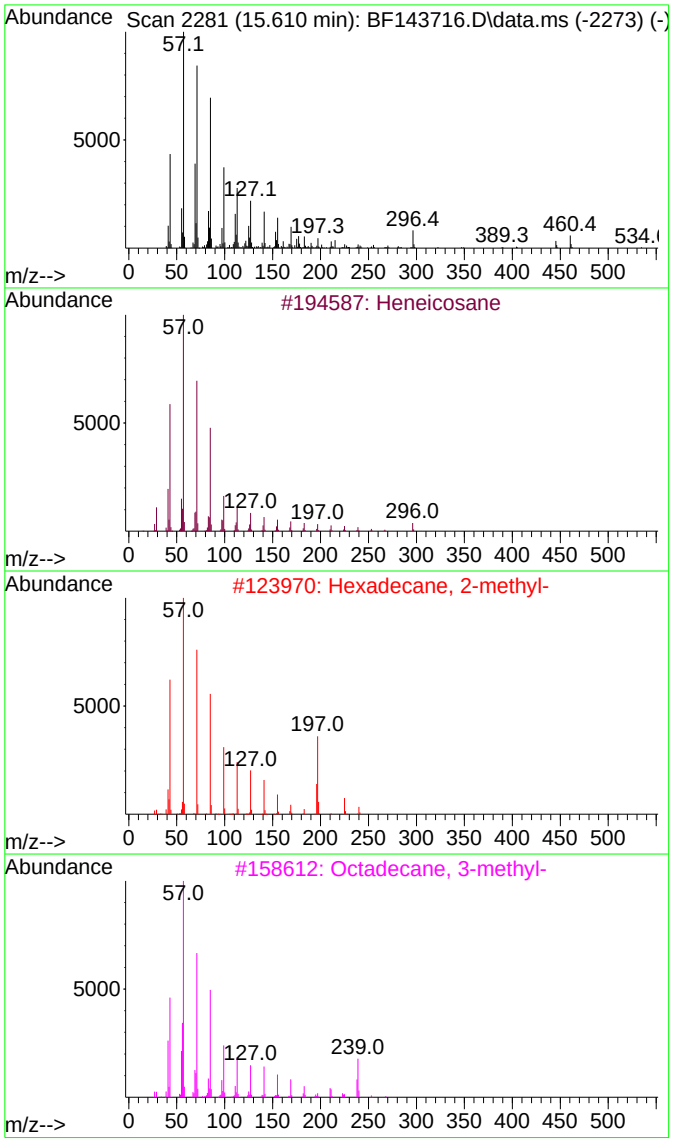
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

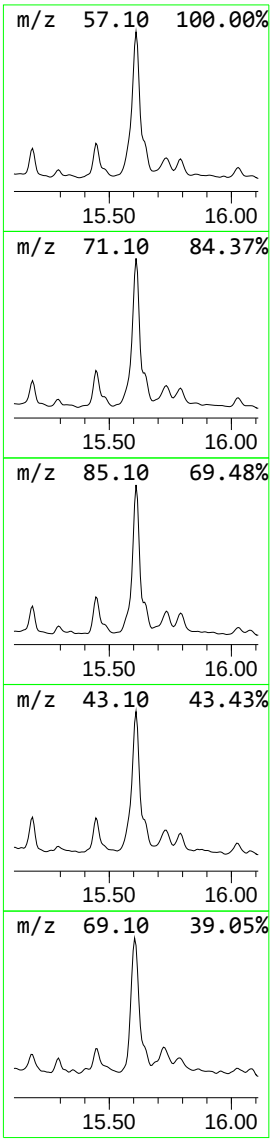
****

Peak Number 17 unknown15.610 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.610	149.26 ng	1288980	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
3	Octadecane, 3-methyl-	268	C19H40	006561-44-0	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

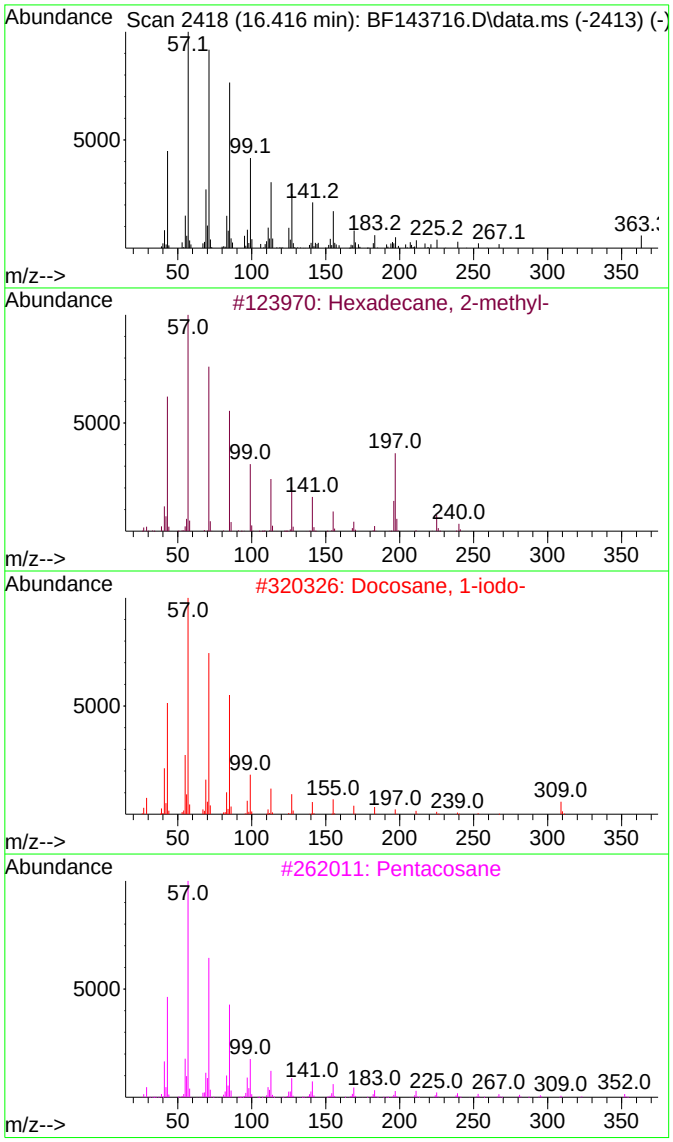
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

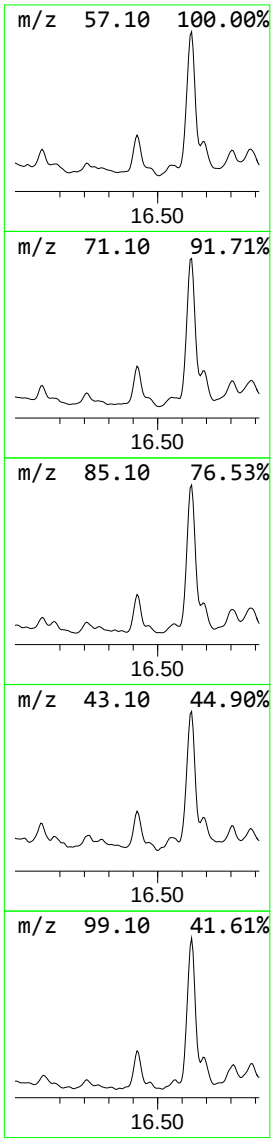
****

Peak Number 18 Hexadecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.416	22.24 ng	192084	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83
2	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	59
3	Pentacosane	352	C25H52	000629-99-2	59
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	58
5	Tetracosane	338	C24H50	000646-31-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

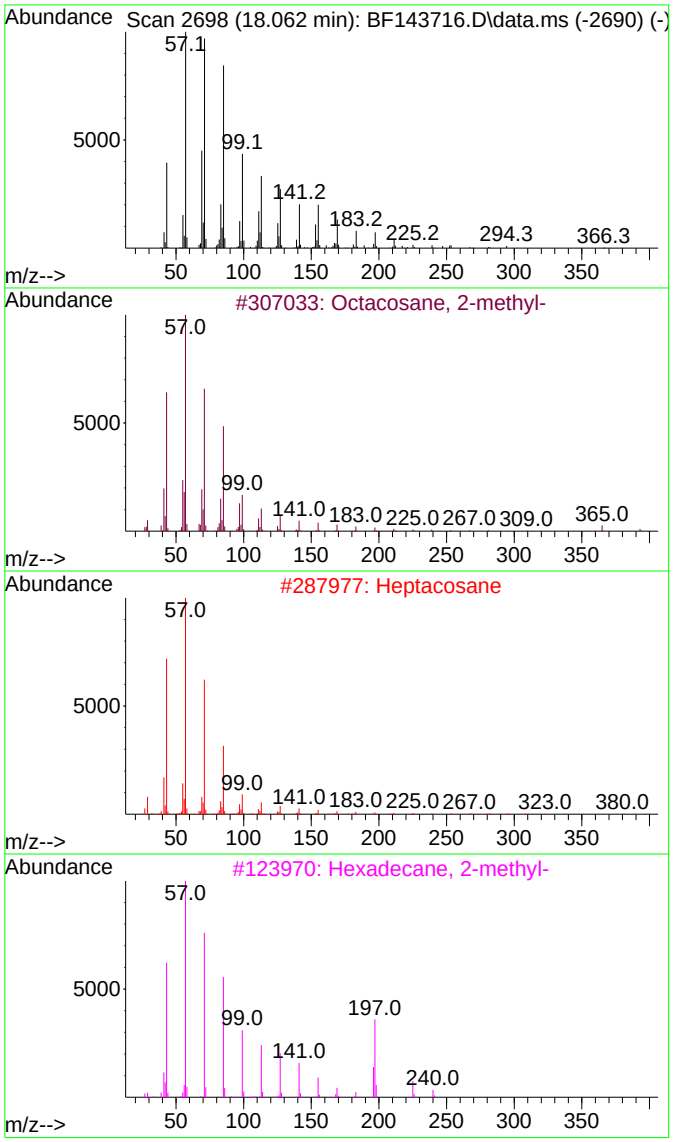
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

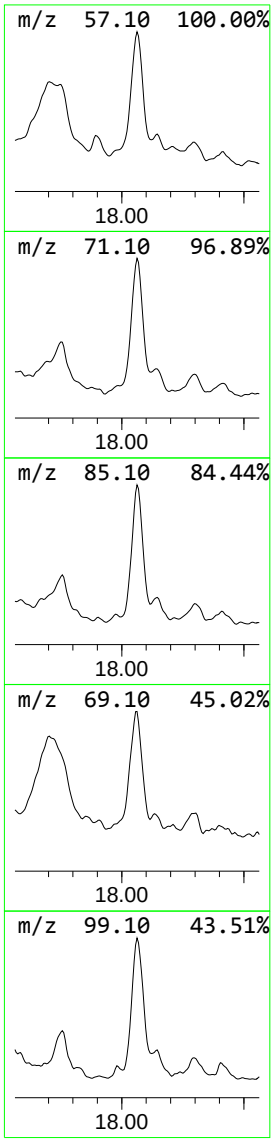
****

Peak Number 20 Octacosane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	50.51 ng	436155	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
2	Heptacosane	380	C27H56	000593-49-7	72
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	50
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	43
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143716.D
Acq On : 11 Sep 2025 19:57
Operator : RC/JU
Sample : Q3074-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0141

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heneicosane	10.039	13.5	ng	277561	3	9.934	412414	20.0
2-Bromo dodecane	10.851	21.1	ng	244064	4	11.422	230994	20.0
unknown10.986	10.986	16.6	ng	191825	4	11.422	230994	20.0
Eicosane, 2-met...	11.051	52.6	ng	607666	4	11.422	230994	20.0
Octacosane	11.775	15.8	ng	182749	4	11.422	230994	20.0
unknown11.904	11.904	16.6	ng	191514	4	11.422	230994	20.0
unknown11.951	11.951	75.1	ng	867599	4	11.422	230994	20.0
Cyclohexadecane	12.469	44.5	ng	513787	4	11.422	230994	20.0
Eicosane	12.610	13.3	ng	154115	4	11.422	230994	20.0
unknown12.733	12.733	27.8	ng	320448	4	11.422	230994	20.0
Eicosane, 1-iodo-	12.763	18.8	ng	735067	5	14.063	780338	20.0
Tetrapentacontane	13.510	17.5	ng	681259	5	14.063	780338	20.0
Benzenepropanoi...	14.192	87.6	ng	3416300	5	14.063	780338	20.0
Pentacosane	14.839	126.8	ng	1095110	6	15.539	172717	20.0
unknown15.186	15.186	17.6	ng	152042	6	15.539	172717	20.0
unknown15.445	15.445	16.4	ng	141582	6	15.539	172717	20.0
unknown15.610	15.610	149.3	ng	1288980	6	15.539	172717	20.0
Hexadecane, 2-m...	16.416	22.2	ng	192084	6	15.539	172717	20.0
Octacosane, 2-m...	18.063	50.5	ng	436155	6	15.539	172717	20.0